

(DC-6128)

Book Review: "Sel'skhozzyaystvennaya Meteorologiya" (Agricultural Meteorology), by V. I. Mikhalevich
Moscow, 1960, published by Sel'khozgiz, by L. G.
Broydo, G. A. Brozdov, I. A. Gel'tberg, 9 pp.

RUSSIAN, per, Met i Gid, No 5, 1961, pp 49-53.

JPRS 8958

Sci - Geophys

174, 156

Oct 61

Agricultural Meteorology, by V. I. Vitkevich,
320 pp.

RUSSIAN, bk, Sel'skokhozyaistvennaya
Meteorologiya, Moscow, 1960.

PL-480
OTS 63-11075

Sci = Agri
Jun 63

232,378

63-11075

Vitkevich, V. I.

AGRICULTURAL METEOROLOGY. 1963, 320p.

PL-480 Agr.

Order from OTS \$3.25

63-11075

Trans. of mono Sel'skokhozyalstvennaya Meteorologiya,
Moscow, 1960 [472]p.DESCRIPTORS: *Agriculture, Meteorology, *Atmos-
phere, Physical properties, *Solar radiation, *Plants
(Botany), *Soils, Atmospheric temperature, *Humidity,
*Wind, *Ice, *Weather forecasting, Climatology,
Meteorological instruments.

Contents:

Introduction

Composition, structure and physical characteristics of
the atmosphere

Solar radiation

Regulation of solar radiation received by plants: tech-
(Earth Sciences--Meteorology, TT, v. 9, no. 8) (over)I. Vitkevich, V. I.
II. PL-480 Agr (63-11075)
III. National Science Founda-
tion, Washington, D. C.

JL66670

Office of Technical Services

(WDD 20402)

New Instruments for the Investigation of the Layer of
Air Near the Ground, by V. I. Vitkevich, 12 pp.

RUSSIAN, no per, Priroda, No 9, Leningrad, Sep 1952,
pp 94-99

CIA/FDD/U-5804

USSR

Sci - Geophysics, meteorological instruments

12,487

APR 54 CTS

Determining Evaporation From the Soil Surface, by
V. I. Vitkevich, 18 pp. 9079576

RUSSIAN, per, Iz ~~Timingax~~ Sel'skokhoz Ak, Vol V,
No 24, 1958, pp 237-250.

OTS 60-51023
PL-480

Sci - Geophys
Sep 61
PST No 310

166.924

39
New Method of Investigating the Solar Corona,
by V. V. Vitkevich.
SOLAR, Ser. Izvl. Akad. Nauk. SSSR, Vol 77,
no 4, 1951, pp 585-588.
*455A TT F 13,303

V. V. Vitkevich
sci/astron
oct 70

New Data on the Solar Superstorms,
by V. V. Vitkevich, 7 pp.
KABAN, apt, Radio Symposium on Radio
Astronomy, 30 Jul & Aug 1971. 0220001
ASG/Stanford University

SCI-83/A
Apr 65

V.V. Vitkevich

277,058

(NY-7166)

Deviations From Structural Regularity of
Magnetic Field in the Outer Solar Corona, by
V. V. Vitkevich, 8 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MViSSO,
SSR, Radiofiz, Vol V, No 2, 1962, pp 402-403.

JPRS 15517

Sci - Electronics
Oct 62

213,750

(NY-7166)

The Possibility of Existence of Natural
Radio-Emitting Satellites Moving Around the
Sun, by V. V. Vitkevich, 8 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MViSSO,
SSR, Radiofiz, Vol V, No 2, 1962, pp 404-405.

JPRS 15517

Sci - Electronics

Oct 62

213,751

On the subject of identified radio reception
of radio signals and its application
for the utilization of a Radio Telescope
of ultrahigh resolving power, by
V. V. Vitkevich, 5 pp.
Radio Eng. Electron. Phys., Vol. 11,
No. 3, 1966, pp. 469-472. 3000001
R12-11-33-571

V. V. Vitkevich

Sci-Inst
for 55

200,000

93
Translating Radiointerferometer,
by V. Y. Vitlovich, 6 pp.
RUSSIAN, per, Doc ID 6880, Vol XII, No 6,
1953, pp 1391-1395. N698640
PTD-TT-65-821

V. V. Vitkevich

Sci-Elect
Nov 65

291,444

Structure of the Supercorona, by V. V. Vinnich.
RUSSIAN, per, Dok Ak Mink SSSR, Vol CLVI, 1964,
pp 1043-1067.
NASA TT F-4983

Sci-Ear Sci & Astron
Oct 64
U.S. GOVERNMENT ONLY

267,591

Irregular Radio-Wave Refraction and Extensive
Discontinuities in the Ionosphere, by V. V.
Vitkevich, Yu. L. Kokurin, 10 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol II,
No 7, 1957, pp 826-832.

Pergamon Inst

Sci - Electronics
Dec 58

63,204

Radio Astronomy in Australia, by V. V. Vitkevich,
5 pp.

RUSSIAN, per, Astron Zhur, Vol XL, No 3, 1963,
pp 589-594.

Amer Inst of Phys
Sov Astron - AJ
Vol VII, No 3

Sci
Apr 64

254,310

DEVELOPMENT OF RADIOASTRONOMY RESEARCH IN
THE RADIOASTRONOMY LABORATORY OF THE PHYSICS
INSTITUTE, ACADEMY OF SCIENCES USSR, BY V. V.
VITKEVICH, 12 PP.

RUSSIAN, PER, RADIOASTRONOMIYA -- TRUDY
FIZICHESKOGO INSTITUTA IMENI LEBEDEVA,
VOL XVII, 1962, PP 3-12.

JPRS 16786

SCI - PHYS

JAN 63

218,561

Radio Astronomic Observations of Soviet Space Rockets, by
by V. V. Vitkevich, ~~and~~ A. D. Kuz'min, 9 pp.

RUSSIAN, per, Radiotekh i Elektron, No 9, 1961.

AIEE

Sci

Aug 62

207,057

Results of Radioastronomical Observations of Soviet
Cosmic Rockets, by V. V. Vitkevich.

RUSSIAN, bk, Iskusstvennye Sputniki Zemli, No 7,
1961, pp 23-31.

Navy Tr 3076/APL T-266

Sci - Space Res

190,391

Apr 62

(NY-6498)

Effect of the Supercorona on Radio
Emission From the Sun, by V. V.
Vitkevich, N. A. Lotova, 18 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Ser Radiofiz, Vol IV, No 3, 1961,
pp 415-424.

CSTI TT-65-64.256

JPRS 12754

Sci

187,945

Mar 62

(NY-8480)

The Structure of the Inhomogeneities and the
Regular Magnetic Field of the Supercorona of the
Sun, by V. V. Vitkevich, 24 pp.

RUSSIAN, per, Iz Vysshikh Ucheb. Zaved, MVO,
Radiofiz, Vol III, No 4, 1960.

JPRS-7374

Sci

May 61

154,278

The Solar Supercorona From the Observations of
1951-1958, by V. V. Vitkevich, 9 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVII, No 1,
1960, pp 32-41.

AIP
Sov Astron - AJ
Vol IV, No 1

Sci
Oct 60

130,382

Investigation of Winds and Inhomogeneities in the
Ionosphere by Means of Radio Astronomy, by
V. V. Viskovich, Yn. L. Kuzurkin, 8 p.

RUSSIAN, per, Radiotekhnika i Elektronika, 1959,
Vol IV, No 1, pp 17-20.

SLA 59-21200

Sci
Apr 60
Vol III, No 2

III, 690

Vitkevitch, V. V. and Lebedev, P. N.
SUPERCORONA OF THE SUN (SVERKHKORONA
SOLNTS). 9 Nov 60 [15]p. MCL-62/2.
Order from LC or SLA mi\$2.40, ph\$3.30 61-19346

Rough draft trans. of Priroda (USSR) 1957, v. 46,
no. 12, p. 15-20.

(Astronomy--Astrophysics, TT, v. 5, no. 10)

61-19346

1. Solar corona--Analysis
2. Title: Supercorona
- I. Vitkevitch, V. V.
- II. Lebedev, P. N.
- III. MCL-62/2
- IV. Technical Information
Center, Wright-Patterson
AFB, Ohio

Office of Technical Services

(DC-66)

A Major Center of Radio Astronomy, by V. V.
Vitkevich, 11 pp.

RUSSIAN, per, Vestnik Ak Nauk SSSR, No 5, 1961,
pp 23-32.

JPRS 8868

Sci - Electron

172,126

Oct 61

Preliminary Results of the Observations of the
Total Solar Eclipse of Jun 30, 1954, by E. R.
Mustel, V. V. Vityayevich, 13 pp. UNCL

RUSSIAN, per, Vest Ak Nauk SSSR, Vol. ~~XIV~~^{XV}, No 2,
1955, pp 25-32. 9660753

ATTC MIL-72/7

Sci - Geophys

Apr 61

Telecom 40795

149712

Observations of Scattering of Radio Waves
by Electronic Inhomogeneities in the
Solar Corona, by V. V. Vitkevich.

RUSSIAN, per, Trudy Pyatogo Soveshchaniya
po Voprosam Kosmogonii, 1955,
pp 203-233.

CSIRO 3794

Sci - Electron

188,539

Mar 62

Radio Astronomical Observations of Moving Plasma
Clouds in the Solar Supercorona, by V. V. Vitkevich,
7 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVII, No 6, 1960,
pp 961-968.

AIP
Sov Astron-4J
Vol IV, No 6.

Sci
Jul 61

159,679 |

(NY-5230)

Radio Picture of the Sun in the 3 cm Band, by
V. V. Vitkevich, L. I. Matreyenko, 42 pp.

RUSSIAN, ^{pdf} Iz Vysshikh Ucheb Zaved, MVO, Ser
Radiofiz, Vol III, No 3, 1960.

JPRS 7375

Sci

Apr 61

147,718

Paris Symposium on Radio Astronomy, July 30th-
August 7th, 1958, by V V Vitkevich, 5 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 1, 1959,
pp 194-198.

AIP
Vol III, No 1

Sci - Astron

Oct 59

100,192

The Application of Interferometric Reception for
the Recording of High-Speed Time Processes, by
V. V. Vitkevich, V. A. Udal'tsov, 5 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol XII, No 6,
1958, pp 784-793.

PP

Sci - Electron
Oct 59

99,035

On the Degree of Homogeneity of the Quiet
Ionosphere, by V. V. Vitkevich, 3 pp.

RUSSIAN, par, Astron Zhur, Vol XVI, No 4,
1959, pp 623-625.

Amer Inst of Phys
Soviet Astron-AJ
Vol III, No 4

Sci

Mar 60

119,691

Bursts of Solar Radio Emission, by V. V.
Vitsevich, Z. I. Kamaneva, 8 pp.

RUSSIAN, per, Astron Zhur, Vol XXXV, No 3,
1958, pp 372-381.

Amer Inst of Phys
Sov Astron - AJ
Vol II, No 3

Sci - Astron

Jul 59

90,800

The Twelfth General Assembly of the IERSI
(Radio Astronomy), by V. V. Vitkevich, 10 pp.

RUSSIAN, per, Astron Zhur, Vol XXXV, No ²/₁,
1958, pp 313-.

Amer Inst of Phys
Sov Astron - AJ
§ Vol II, No 2

Sci - Astron
Jul 59

90,796

... ..
... ..
... ..
... ..

... ..
1966, pp 864-865.

... ..

... ..

... ..
... ..

... ..
... ..
... ..
... ..

Wide-Band Radio Interferometer, by V. V. Vitkevich,
5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCI, 1953, p 1301. — 1303. CIA D 151379
9093220

Morris D. Friedman
\$2.50 V-109

Scientific - Physics

OTS 67/Apr 55

22,953 SLA R-3624

On the Intensity Distribution of the Discrete Radio
Source Taunus A., by V. A. Udal'tsov, V. V.
Vitsevich, 7 pp.

RUSSIAN, per, Astron Zhur, Vol XXXV, No 5, 1958,
pp 713-721.

Amer Inst of Phys
Vol II, No 5

Sci - Astron

97,369

BD-442

(DC-1633)

A Powerful Radio Telescope in the Crimea, by V. V. ' Vitkevich, 3 pp. UNCLASSIFIED.

RUSSIAN, no per, Vest Ak Nauk SSSR, No 11, Moscow, Nov 1957, pp 110-112.

US JPRS/DC-L-616

Electronics
Sci - Miscellaneous; Astronomy

67, 567

A New Method for Investigating the Solar Corona, by
V. V. Vitkevich.

RUSSIAN, ~~thrice~~-no per, Dok Ak Nauk SSSR, Vol LXXVII,
No 4, 1951, pp 585 - 588.

~~ABE~~ Navy Tr 398/NRL 360
C

Sci - Astronomy

Sep 1951 CTS

for the 2nd part of A1264 S.L.F. Tr

An Experimental Method of Determining the Coordinates
of Burst of Radio Emission, by V. V. Vitkovich,
7 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIXVI,
No 1, USSR, 1952, pp 39-42, C/N 016723

~~Research - Sci - Info - for~~
~~DDP - 2 - 1509~~

D 450 438

CIA-D-21583

AEC-TR-1509

Scientific - Electronics, radio emission

112644

CIA 1105580 Feb 53 CTS/DEK

Results of Observations on the Propagation of Radio
Waves Through the Solar Corona, by V. V. Vityayev,
22 pp,

RUSSIAN, per, Astron Zhur, Vol XXXII, No 2, 1955,
pp 150-164. *CTA 645301*

ATIC F-TS-9602/V
SLA R-3622

Sci - Astron
Mar 59

82, 837

the Solar Supercorona and Its Influence on the Received Radio Emission from the Sun, by V. V. Vitkevich, 21 pp.

RUSSIAN, per, Astron Zhur, Vol XXXIII, No 1, 1956, pp 62-73. CIA 645-309

ATIC F-TS-9605/V
SLA R-3642

Sci - Geophys
Mar 59

82, 827

Radio Stars and The Methods of Their
Investigation, by V. V. Vitkevich, 14 pp.

RUSSIAN, per, Astron Zhur, Vol XXXIV, No 3,
19587, pp 349-364

Amer Inst of Phys
Sov Astron - AJ
Vol I, No 3

Sci - Astron
Apr 59

84, 596

On the Radio Emission of Coronal Condensations. *by*
V. V. Vitkevich and M. I. Sigal, p 7.

RUSSIAN, *Sov*, Astron Zhur, Vol XXXIV, No 5, 1957,
pp 681-683.

Amer Inst of Phys
Sov Astron - AJ
Vol I, No 5

Sci - Astron

Apr 59

84,666

Radio Astronomical Observations of the Second Soviet
Interplanetary Rocket, by V.V. Vitkevich, A.D. Kuz'mi
R.L. Sorochenko, V.A. Udal'sov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 1,
1960, pp 85-88. 9661853.

ATIC MCL 738/1

Sci - Space Res
Jun 61

155537

(DC-66/118).

Structure of Electron Inhomogeneities in the
Outer Corona of the Sun, by V. V. Vitkevich,
B. N. Panovkin, A. G. Sukhovey, 3 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Radiofiz,
Vol II, No 6, 1959, pp 1005-1007.

IGC 118

Sci - Geophys, Space Res
May 60

SLA: 61-19373

117,412

New Data on the Supercorona of the Sun, by V. V. Vitkevich, 9 pp.

RUSSIAN, per, Astron Zhur, Vol XXXIV, No 1, 1958,
pp 52-63.

Amer Inst of Phys
Sov Astron - AJ
Vol II, No 1

Sci - Astron
Jun 59

89,110

A Radio Image of the Sun With 3.2-cm Waves,
by V. V. Vitkevich, A. D. Kuz'min, A. E.
Solomonovich, V. A. Mal'tsov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1091-1093.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91, 511

Investigating the Solar Outer Corona by the
Reception of Radio Emission From Jupiter, by
V. V. Vitkevich, 7 pp.

RUSSIAN, bino per, Astron Zhur, Vol XXXIV, No 2,
Mar/Apr 1957.

CIA/FDD X-2626

55,243

Sci - Astronomy
Nov 57

Investigation of Ionosphere Non-Uniformities by Radio
Astronomical Methods, by V. V. Vityayev. UML

RUSSIAN, per, Radiotekhnika i Elektronika, Vol III,
No 4, 1958, pp 478-486.

DSIR Lending Library Unit
M. 128

Sci - Electronics
Apr 59

R.A.E. 758

85,108

Dynamic Spectra and Principal Characteristics of
Short-Lived Bursts of Solar Radio Emission, by
V. V. Vitkevich, M. V. Gorelova, 8 pp

RUSSIAN, per, Astron Zhur, Vol XXXVII, No 4, 1960,
pp 622-630

AIP
Sov Astron-AJ
Vol IV, No 4

Sci
Apr 61

144,579

Supercorona of the Sun, by ^{ll} V. V. Vithevitch,
P. N. Lebedev, 14 pp. UNCL

RUSSIAN, per, Priroda, No 12, 1957, pp 15-20.
9660733

ATIC MEL-62/V

S31

Apr 61

Telecom 40795

149,437

Investigation of Movements in the Solar Corona, by
Studying Flare-Ups in Radiowave Emission, by V. V.
Vitkevich. UNCL

RUSSIAN, bk, Fizika Solnechnykh Korpuskulyarnykh
Potokov i Ikh Vozdeystviye na Verkhnyuyu Atmosferu
Zemli; Trudy Konferentsii Komissii po Issledovaniyu
Solntsa, 22-24 Iyulya 1955 g, Moscow, 1957,
pp 87-95.

ATTC NCL-305/III

Sci - Astronomy, Electronics

112, 947

Att 60

Present Methods of Tin Plate Production, by A. I.
Vitkin, 3 pp.

RUSSIAN, per, Metallurg, No 1, 1960, pp 27-29.

Acta Metallurgica

Sci

Jun 61

152, 208

Pilot plant unit for Electrolytic Tinning of
Strip Steel in Salt Melts, by A. I. Vitkin.
RUSSIAN, per, Instituta Chernoi Metallurgii,
Sb. Tr. Tsent. Nauchn. -Issled, Vol 28,
1962, pp 138-145.
CRL/T. 2445

Sci -
Jul 67

A. I. VITKIN

333,891

A Combination of the Processes of Annealing and Hot
Plating Using Salt Melts, by A. I. Vitkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5,
1959, pp 1105-.

Consultants Bureau

118,960

Sci

Jun 60

Pilot-Plant Unit for Electrolytic Tinning of
Steel Strip in Salt Melts, by A. I. Vitkin.

RUSSIAN, per, Sb. Tr. Tsent. Nauchn.

Issled. Inst. Chernol Met, No 28, 1962,

pp 138-145.

BISI 4538

A. I. Vitkin

Sci-MEM

Jul 66

306,464

Study of the Structure and Phase Constitution
of the Coating in the Hot Tinning of Sheet Iron,
by A. I. Vitkin, E. P. Plotnikova, G. A. Kokorin,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 2,
1958, pp 268-270.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

91, 887

Jul 59

The Use of Radioactive Isotopes in
Studying the Mechanism of the Basic Processes
in Hot Tinning, by A. I. Vixian.
UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 4,
Zhuk, pp 710-714.
1957

Co-op Tr Scheme 495
(L 2)

Sci - Chem
Jan 59

77,857

The Mechanism of Absorption During Bubbling, by
V. I. Dal', M. A. Vitkina, 9 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXIII, No 6,
1950, pp 575-579.

Sci Mus Lib No 53/1906

TVA Wilson Davis Chem Lib Sub 2971

Scientific - Chemistry
CTS/DEX

6325

Magnetic Testing of the Hardness of Steel Tubing,
by P. I. Vitko, V. I. Roitman, et al.

RUSSIAN, per, Khim Mash, No 4, 1963, pp 35, 36.

HB 6126

Sci-M/M

MDec 63

243,919

Computing the Pulse Parameters in Ferrromagnetic Plates and
Ribbon Cores.

By M.G. Vitkov pp6

RUSSIAN, per, Avtomat i Telemekh, Vol XXIII, No 12,
1962, pp1686-1691

Instrument Soc of Amer

Sci

Sep 63

344,842
~~344,442~~

Taking the Weak Surface Effect Into Account in
Switching the Magnetic State of a Ferromagnetic
Plate, by M. G. Vitkov, 45 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXI, No 10,
1960, pp 1393-1400.

ISA

Sci

Jun 61

153,203

Topic: Development of Birds of North America;
by T. A. Wichowski, Sp.

1963, per, Physiologia Recentia, Vol. 4,
No. 2, 1963, pp 148-158.

GD

See
2 Jan 64

245, 712

An Ultrasonic Generator for Laboratory Studies, by
Yu. I. Kitaigorodskiy, V. S. Bogin, A. V. Vitkovskiy,

RUSSIAN, per, Zavod Lab, Vol IV, April 1959,
pp 447-478.

7

Internatl Physical Index
Electronics Express
Vol I, No 10

Sci

93, 884

Aug 59

Effect of Short Day on the Formation of
Generative Organs in Long Day Varieties of Black
Currant, by V. L. Vitkovskiy, 4 p.

RUSSIAN, per, Fiziolog Rasteniy, Vol VI, No 3,
1959, pp 367-369.

ATBS

Sci
Jan 60

106,042

Chemistry of Chloramycetin (Levomycesin). V.
Racemization of L-Threo-1-(p-nitrophenyl)-2-(
(dichloroacetamido)-1,3-propanediol With Sub-
sequent Conversion of the Racemate Into
Chloramycetin (Levomycesin) [1], by M. M.
Shamyakin, E. M. Baidas, E. I. Vinogradova,
D. P. Vityovsky, M. A. Guberniev, V. E.
Orekhovich, A. S. Khokhlov, Yu. B. Shvetaov,
L. A. Shehukina, 10 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 11,
1954, pp 2076-2084. CIA 542761-C, reel 3.

Consultants Bureau

Sci - Chemistry Aug 56 CTS

Oxidative and Oxidative-Hydrolytic Transformations
of Organic Molecules. XXIII. The Mechanism Involved
in Oxidation-Reduction and Hydrolytic Transformations
of 2-Chlorohydroxy-1,4-naphthoquinone, by D. P.
Vitkovsky and M. M. Shemyakin, 7 pp.

Full translation

RUSSIAN, no per. Zhur Obshch Khim., Vol XXII, No 4,
USSR, Apr 1952, pp 679.- 686.
CIA D 185346

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

7537

Oxidative and Oxidative Hydrolytic Transformations of Organic Molecules. XIX. The Relationship Between the Degree of Oxidation of Carbocyclic Compounds and the Ability of Their Rings to Be Cleaved Hydrolytically, by M. M. Shenyakin, L. A. Shchukina, Yu. B. Shvetsov, D. P. Vitkovsky, A. S. Kholkhlov.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXX, No 9, Sep 1951, pp 1667-1677. *CIA D 182339*

Consultants Bureau Vol XXI,
No 9, Sep 1951

USSR

Scientific - Chemistry, molecules, oxidative,
compounds *7-5184*

Oxidative and Oxidative-Hydrolytic Transformations
of Organic Molecules, XVII. The Oxidative-
Hydrolytic Transformations of Substituted Hydroxy-
naphthoquinones, by D. P. Vitkovsky and M. M.
Shemyakin, 12 pp

RUSSIAN, mo per Zhur Obshch Khim Vol XXI, No 6
USSR, Jun 1951, pp 1033-1045

Consultants Bureau Vol 21 Jun 1951

A10880

Oxidative and Oxidative-Hydrolytic Transformations of
Organic Molecules. XIII, D. P. Vitkovsky, M. N.
Shemyakin.

The Journal of General Chemistry of the USSR, Vol
XXI, No. 3, Mar 1951, pp 607 - 617 (Russ p 547).

CXA ID 182338

547-549

Consultants Bureau
New York

USSR

A10879

Oxidative and Oxidative-Hydrolytic Transformations of
Organic Molecules. XII, D. P. Vitkovsky, M. M.
Shemyakin.

The Journal of General Chemistry of the USSR, Vol. 21,
No 3, Mar 1951, pp 599 - 605 (Russ. p 540).

CIA D 182338

540-547

Consultants Bureau
New York

A 10878

USSR

The Question of the Annual Cycle of Development
of Mixed Buds in Orchard and Berry Crops, by
V. L. Vitkovski. 4 p p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1958, pp 174-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91,991

Investigation of Photoelectric Polarization of
Dielectrics by the Dynamic Condenser Method II,
by I. K. Titov, I. A. Tale, 15 pp.

PERMITAL, por, Forid 889 Teadusto Akademiin Kuusiko
In Astronomi Ineritordi Oudansed, to 10, 1985,
pp 200-232.

CIA/FEB 71-260

Sol - Phys

123,236

Aug 60

USIS INTERNAL USE ONLY

Increase in Crystal Growth Rate by Application of Audio
Frequency Oscillations, by N. V. Vitovskiy, 2 pp.

RUSSIAN, per, Trudy Inst Krist Akad Nauk SSSR, No 11,
1955, pp 221-222. 9047761

AMS R3-1161

Sci - Physics

Apr 60

112, 989

RUSSIAN

For a Steady Operation of Main Lines of Communications
in Wintertime, by P. S. Vitkovskiy, 6 pp.

RUSSIAN, per, Vestnik Svyazi, No 2, 1955.

JPRS 7085

Sci

Jan 61

153,724

47
Collection. Laboratory (L-1) located at the
top of the hill above, by J. P. Vathavala,
M. A. Golovins.
L-100, per, Friday Institute of Research,
No 72 (152), 1943, 14 24-100.
*L-100-00-000

L-100-00-000
14 24-100

The Effect of Decreased and Increased Temperature
in the Autumn-Winter Period on the Conditions
of Black Gullish Sheeps, by W. L. Vitkovskiy,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 4,
1959, pp 890-893.

Amer Inst of Biol Sci

Sci

104, 779

Jan 60

Method²s of Fasciation Development in Berry Plants,
by V. L. Vitkovskiy. 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 4,
1958, pp 816-.

Sci - Biol

Amer Inst of Biol Sci

Eul 59

91,996

Atomic-Absorption Flame-Photometric Determination of
Cadmium.

By N. S. Poluektov and R. A. Vitkun pp. 5

RUSSIAN, per, Zhur Anal Khim, Vol VIII, No 8, 1962,
pp. 035-030

CB

Sci

Sep 63

344,535

The Relation Between the Radiation Intensity and
Concentration of 18 Elements in the Flame-Photo-
metric Method of Analysis, by N. S. Poluyektov,
R. A. Vitkun, L. A. Ovchar, 7 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 3, 1960,
pp 264-271.

CB

164,284

Sci
Aug 51

The Increase in the Radiation Intensity of Metals
in a Flame as a Result of Ionization Suppression,
by N. S. Poluyektov, R. A. Vitkun, 7 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVI, No 3, 1961,
pp 260-267. ~~-----~~

CB

Sci

Jun 62

200,592

Atomic Absorption Flame Photometric Determination of
of Mercury, by N. S. Poluektov, R. A. Vitkun, 5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVIII, No 1, 1963,
pp 37-42.

CB

Sci
Dec 63

245170
2002-9-11

Determination of Sodium and Potassium in Minerals
by Flame Spectrophotometry, by N. S. Polynatkov,
M. P. Nikonova, R. A. Vitkin, 8 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XXII, No 1, 1958,
pp 48-54.

5

Consultants Bureau

Sci - Chem

Jan 59

78,032

Internal Conversion of the 2615 Kev Transition in
Pu²⁰⁸, by E. M. Kribiuk, A. D. Vitman, V. D. Vorob'ev,
I. V. Vorob'ev, K. I. Il'in, G. D. Latyshev, M. A.
Listengarten, A. G. Sergeyev, 7 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,
No 8, 1956, pp 883-890.

Columbia Tech

Sci - Phys

53,267

k Sep 57

Internal ~~Conversion~~ Conversion Electron Spectrum of
the Deposit from RaTh I (In the $H\alpha$ 2600-10,300 gauss-
cm region), by E. M. Kisiuk, A. D. Vitman, V. D.
Vorob'ev, G. D. Latyshev, A. G. Sergeyev, 6 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,
No 8, 1956, pp 877-882.

Columbia Tech

Sci - Phys

53, 266

Sep 57

38
The Collision of Deformable Bodies and Modelling
of Such a Process. III. The Similarity of the
Running Values of the Parameters of the
Original and Modeled Process, by L. V. Belyakov,
F. F. Vitman, et al, 7 pp.
RUSSIAN, per, Zhur Tekh Fiz, Vol XXXIV, No 3,
1964, pp 519-522.
JPRS 26499

Sci - Phys
Oct 64

267,503

A Method for Determining the Strength of Sheet Glass,
by F. P. Vitman, V. P. Pukh, 5 pp.

RUSSIAN, per, Zavod Lab, Vol XXII, No 7, 1963,
pp 863-867.

ISA

245, 945

Sci
Jan 64

Influence of Strain Rate on Resistance to
Deformation of Metals at Impact Velocities of
 10^2 to 10^3 M/Sec, by F. F. Vitman, 23 pp. POST EDITED

RUSSIAN, per, Nektoryye Problemy Prochnosti
Tverdogo Tela, Ak Nauk SSSR, 1959, pp 207-221.
9694746

FTD-MT-64-217
GOV'T USE ONLY

Sci - M/M
Sept 64

267,287

Rupture of the Rod at the Encounter of Two Short
Pulses of Tensile Stress, by F. P. Yushman,
M. L. Ivanov, et al, 12 pp. ~~RUSSIAN~~
RUSSIAN, per, Fiz Metall i Metall, Vol XVII, No 3,
1964, pp 435-439.
Navy 4009/NRL 999

CFSTI TT-65-61222

P 108

Sci-Phys
Feb 65

274,172

Penetration of a Non-rigid Rod by Short Stress
Impulses From a Rigid One, by F. F. Vitman, B. S.
Yoffe, G. S. Pugachev, 8 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol X, No 3,
1960, pp 436-444.

PP

165,810

Soi
Sep 61

The Cold-Brittleness of Steel in Torsion, by F. P.
Vitman, N. N. Davidenkov, H. A. Zlatin, 12 pp.

RUSSIAN, per, Zhur Ekspert i Teoret Fiz, Vol. X,
No 9/10, 1940, pp 1137-1145.

SLA 59-10815

Sci - Minerals/Metals
Sep 59
Vol. II, No 2

98,661

Residual Stress in Glass Quenched in Liquids
By F. F. Vitman and T. G. Dmitrieva pp 7

RUSSIAN, per. Fiz Tverdogo Tela, Vol IV, No 8, 1962
pp 2151-2159

Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 8

Sci.
Jan 63

341,037

Strengthening of Glass
By F. F. Vitman and I. A. Boguslavskiy pp6

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 8
1962, pp 2160-2168

Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 8

Sci

341,039

Jun 63